

CCN 23381



Department of Energy

Idaho Operations Office
850 Energy Drive
Idaho Falls, Idaho 83401-1563

June 26, 2001

Mr. Wayne Pierre, Team Leader
Environmental Cleanup Office
U.S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, Washington 98101

Mr. Dean Nygard, Site Remediation Manager
Waste Management and Remediation Division
Idaho Department of Environmental Quality
1410 N. Hilton
Boise, Idaho 83706

SUBJECT: Contract No. DE-AC07-99ID13727 - Transmittal of Revision 1 of the Waste Area Group 5, Operable Unit 5-12, Power Burst Facility and Auxiliary Reactor Area, Phase I Remedial Design/Remedial Action Work Plan - (EM-ER-01-111)

Dear Mr. Pierre and Mr. Nygard:

This letter transmits copies of Revision 1 of the Waste Area Group (WAG) 5, Remedial Design/Remedial Action (RD/RA) Work Plan - Phase I, a *Federal Facility Agreement and Consent Order* primary document. All comments from EPA and IDEQ, submitted during the review of the proposed changes, have been incorporated.

Revision 1 to the Phase-I Work Plan presents the changes to the design identified during the remedial action implementation and outlines changes to the remediation field activities of the Auxiliary Reactor Area (ARA)-13 Septic System and the ARA-16 Radionuclide Tank and associated piping. Specifically, these changes to the ARA-16 design are:

- (1) Separate the liquid phase from the sludge.
- (2) Filter the liquid in line to remove contaminants, as appropriate, and place the liquid into an approved container(s).
- (3) Dewater the sludge to the extent practicable.
- (4) Meet the disposal facility's acceptance requirements for liquid or stabilized liquid. For stabilization, the liquid will be solidified using grout or another approved solidification agent (such as Radsorb).
- (5) Ship the waste to the INEEL CERCLA Disposal Facility or another approved on- or off-site disposal facility.
- (6) Store dewatered sludge phase in a Toxic Substances Control Act/Resource Conservation and Recovery Act- approved storage area until an approved Treatment, Storage and Disposal Facility (TSDF) is available to accept the waste.
- (7) Encapsulate tank, ancillary piping, and equipment for shipment to the ICDF or another approved on- or off-site disposal facility.

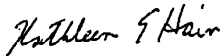
Pierre, Nygard

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The changes to the ARA-13 scope include the removal and disposal of contents at appropriate disposal facilities and abandonment of all physical components in place.

If you have any questions or comments regarding this document, please contact Carol Hathaway at 208-526-4049 or myself at 208-526-4392.

Sincerely,



Kathleen E. Hain, Manager
Environmental Restoration

Enclosures

cc: Rick Poeton, EPA, 1200 Sixth Avenue, Seattle, WA 98101; 3 copies
Ted Livieratos, IDHW DEQ; 3 copies
A. Kluk, HQ; 1 copy

BCC DISTRIBUTION:

(w/o Encl)
IR File, Steve Baker MS 3915
Steven Wilkinson, MS 3950

ID DISTRIBUTION:

CONCURRENCE:

K. Hain (OPE/ER), MS 1117, w/enc. (y) OPE _____
C. Hathaway (OPE/ER, MS 1117, w/enc (w)
T. Safford; 1 copy

RECORD NOTES:

1. This letter was written to transmit Rev. 1 of the RD/RA Work Plan for Phase I.
2. C. Hathaway (OPE/ER) wrote this letter for signature by K. Hain (OPE-ER).
3. This letter closes CATS number N/A.
4. The attached correspondence has no relation to the Naval Nuclear Propulsion Program. Naval Reactors concurrence is not required.